

J. B. GREEN
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GREEN & GREEN
CONSULTING PETROLEUM GEOLOGISTS

P. O. BOX 503 309 WEST 8th STREET
HAYS, KANSAS 67601

27-8-26W
AREA CODE 913
625-9023 OR 625-5155

December 12, 1981

GEOLOGIC REPORT

Don Pratt Oil Oper. Robben 8-27
150' E of C SE/4 27-8-26 W
Sheridan County, Kansas
Commenced: 12/5/81
Completed: 12/12/81

Pipe Record:
8 5/8 @ 209' w/180 sks
5 1/2 @ 3993' w/200 sks
Anhydrite: 2192-2224
Drilled by: Murfin
Rig 21

ELEVATION 2572 K.B.
2567 G.L. 2570 D.F.

FORMATION DATA
(Corrected to R.A. Log)

<u>FORMATION</u>	<u>MINUS DATA</u>	<u>DEPTH</u>
TOPEKA	- 918	3490
HEEBNER	-1125	3697
TORONTO	-1147	3719
LANSING-K.C.	-1167	3739
BASE KANSAS CITY	-1380	3952
R.T.D.	-1428	4000
L.T.D.	-1424	3996

Cores: None.
Drill Stem Test: Four, see below.
Electric Logs: Petro Log R.A. Guard.

FORMATION DESCRIPTIONS

TOPEKA 3490-3696:
This section had no oil shows.

TORONTO 3719-30:
A trace of light staining in an offwhite to tan, sucrosic, fossiliferous, slightly chalky limestone. Log calculations (3719-22) 13% porosity and 38% water saturation. This should be tested before abandoning well. This was included in D.S.T. No. 1.

LANSING-KANSAS CITY 3739-3952:
A Bench 3739-56 A trace of free oil and staining in a white to offwhite, fine crystalline, chalky fossiliferous limestone with intercrystalline porosity. Log calculations (3746-56) 12 to 9% porosity and 24 to 30% water saturation. This should be tested before abandoning well. This was included in D.S.T. No. 1.

RECEIVED
STATE CORPORATION COMMISSION
JAN 25 1982
CONSERVATION DIVISION
Wichita, Kansas

27-8-26W

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B Bench 3765-73 A trace of free oil, staining and some asphaltic residue in a white to tan, fine crystalline, fossiliferous limestone. Log calculations (3766-70) 8 to 9% porosity and 53 to 44% water saturation. This was also included in D.S.T. No. 1. This is probably where the water came from.

DRILL STEM TEST No. 1 3695-3771:

Open 2 hours, recovered 255' muddy water. Flow pressures 66 to 175 pounds, 30 minute initial bottom hole pressure 1165 pounds. 30 minute final bottom hole pressure 1090 pounds.

C, D Bench 3779-94 A trace of free oil and dark asphaltic staining in a white to buff fine crystalline, chalky limestone with intercrystalline and pin point vugular porosity. This is tight on log. Included in D.S.T. No. 2.

DRILL STEM TEST No. 2 3769-94:

Open 60 minutes, recovered 10' mud. Flow pressure 25 to 25 pounds. 30 minute initial bottom hole pressure 91 pounds.

E, F, G Bench 3799-3844 A trace of free oil, staining and faint odor in a tan to gray, fine crystalline, slightly chalky limestone with intercrystalline and vuggy porosity. Log calculations (3810-14) 8 to 13% porosity and 46 to 44% water saturation. This was included in D.S.T. No. 3. This should be tested before abandoning well.

DRILL STEM TEST No. 3 3791-3823:

Open 60 minutes, recovered 60' G.A.F., 90' GOCM, 120' GOCWM, 120' GSOCMW, flow pressure 58 to 175 pounds, 30 minute initial bottom hole pressure 925 pounds, 30 minute final bottom hole pressure 875 pounds.

H Bench 3856-72 A trace to minor free oil, scattered staining and fair odor in a tan, fine crystalline, sucrosic limestone with intercrystalline and fossiliferous porosity. Log calculations (3857-64) 15 to 9% porosity and 24 to 31% water saturation. This was included in D.S.T. No. 4. This should be perforated and tested.

I Bench 3882-88 There were no shows.

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J Bench 3897-3906 A trace to minor free oil, staining and scattered tarry residue in a white to offwhite fine to medium crystalline, fossiliferous limestone with intercrystalline and pin point vugular porosity. Log calculations (3898-3900) 16% porosity and 32% water saturation. This was also included in D.S.T. No. 4 and should be perforated and tested.

DRILL STEM TEST No. 4 3839-3911:

Open 60 minutes, recovered 1590' G.A.F., 810' CGO. Flow pressures 125 to 342 pounds, 30 minute initial bottom hole pressure 459 pounds. 30 minute final bottom hole pressure 451 pounds.

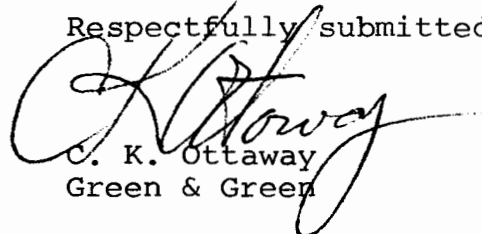
K Bench 3915-30 A trace of light staining in an off-white to tan, fine to medium crystalline, fossiliferous limestone with intercrystalline porosity. Log calculations (3915-19) 14 to 18% porosity and 27 to 41% water saturation (3919-23) 20 to 16% porosity and 45 to 46% water saturation. Based on log calculations, this should be perforated and tested.

L Bench 3938-52 There were no oil shows in an offwhite to gray, fine crystalline limestone. Log calculations (3939-44) 11 to 16% porosity and 42 to 43% water saturation. This should be perforated and tested based on log calculations.

RECOMMENDATIONS

It was recommended and confirmed to set pipe and further test this well.

Respectfully submitted,


C. K. Ottaway
Green & Green

CKO/gc